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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION
11/25/02

In re the application of:

Attorney Docket No.: 2394.02US02

Wilson et al.

Confirmation No.: 1440

Application No.: 09/650,626

Examiner: West, Jeffrey R.

Filed: August 30, 2000

Group Art Unit: 2857

For: COMPUTERIZED MACHINE CONTROLLER DIAGNOSTIC SYSTEM

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action of May 9, 2002 and in accordance with the automatic extension of time for response provided by 37 C.F.R. § 1.136(a), amendment to the above-identified patent application is requested.

In the Claims

Please cancel claims 13, 14, 16, 17, 24, 27, and 50 without prejudice or disclaimer.

Please substitute the following amended claims for those currently pending:

1. (Once Amended) A computerized machine control (CMC) monitoring system, wherein said CMC utilizes a control program to control the operation of a machine through the use of a plurality of digital channels wherein said plurality of digital channels have been pre-defined to comprise a virtual machine, said system comprising:

a data acquisition component, wherein said data acquisition component is in communication with said CMC, and wherein said data acquisition component acquires transition data about said plurality of digital channels; and